PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT	: Ronald A. Katz	Examiner S. Woo
SERIAL NO.	: 07/425,779	Art Unit 261
FILED	: October 23, 1989	
FOR	: TELEPHONE INTERFACE CALL PROCESSING SYSTEM WITH CALL SELECTIVITY	
DOCKET NO.	: 4646-114C	

#5B (Rec.)

R. Logan 10-28-91 Int. 10-30-91 Fee

AMENDMENT AFTER FINAL REJECTION

October 17, 1991
201 North Figueroa Street
Los Angeles, California 90012

Entry approved SW

Commissioner of Patents
and Trademarks
Washington, D. C. 20231

Sir:

In response to the Final Office Action mailed September 17, 1991, please amend the above-identified patent application as follows:

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner of Patents and Trademarks, Washington, D. C. 20231.

Date: October 17, 1991

Florence Doucet

IN THE CLAIMS:

Cancel Claims 17, 20 and 27.

Amend Claims 11, 14, 15, 16, 18, 21, 23 and 28 as follows.

4. (Twice Amended) A system according to claim 1 wherein said qualification means comprises means for testing said digital signals associated with said terminals originating said calls [in said 800 mode].

7. (Twice Amended) A system according to claim 5 [5] wherein said qualification means comprises means for testing select digits of said digital signals associated with said terminals originating said calls in [a first] said 800 call mode.

10. ~~(Twice Amended)~~ A telephone call processing system according to claim 1 further including processing means for processing said digital signals as data.

12. ~~(Twice Amended)~~ A system according to claim 11 [11] wherein said memory means stores the last three digits of numbers associated with acceptable terminals for identification and thereby controls said processing means based on acceptance of said calls.

15. ~~(Twice Amended)~~ A system according to claim 13 [11] wherein at least three digits are tested based on ANI data received by said system.

16. ~~(Twice Amended)~~ A system according to claim 14 [11] wherein the memory means [holds] further stores complete phone numbers in memory to prevent duplicate use.

18. ~~(Amended)~~ A telephone interface system for individually interfacing callers at a multitude of remote terminals for voice-digital communication through a telephone communication facility, said system comprising [system according to claim 17 wherein]:

communication means for establishing telephone communication with currently active callers at certain of said terminals through said telephone communication facility;

means for providing identification signals to said communication means indicative of said currently active callers, said means for providing identification signals [comprises] comprising means for providing at least a portion of the digits associated with a remote terminal for identification;

memory means for storing caller cues and use indications for said caller cues in relation to said callers as identified by said identification signals;

35

cue means for receiving said caller cues to provide voice signals through said communication means to prompt responses from said currently active of said callers in the form of digital data signals; and

means for selecting a current caller cue from said memory means for one of said currently active callers for application to said cue means under control of said identification signals for said one of said currently active callers and said use indications in said memory means for said one of said currently active callers.

17. (Amended) A telephone interface system for individually interfacing callers at a multitude of remote terminals for voice-digital communication through a telephone communication facility, said system comprising [system according to claim 17 wherein]:

communication means for establishing telephone communication with currently active callers at certain of said terminals through said telephone communication facility;

means for providing identification signals to said communication means indicative of said currently active callers;

memory means for storing caller cues and use indications for said caller cues in relation to said callers as identified by said identification signals;

36

cue means for receiving said caller cues to provide voice signals through said communication means to prompt responses from said currently active of said callers in the form of digital data signals; and

means for selecting a current caller cue from said memory means for one of said currently active callers for application to said cue means under control of said identification signals for said one of said currently active callers and said use indications in said memory means for said one of said currently active callers, said means for selecting [includes] including means for addressing said memory means to provide a possible caller cue with use indications and coincidence means for testing said use indications for said possible caller cue against said identification signals for said one of said currently active callers.

B5 cont'd

19 ~~25~~. A telephone interface system for individually interfacing callers at a multitude of remote terminals for voice-digital communication through a telephone communication facility, said system comprising [system according to claim 17 wherein]:

B6 cont'd

communication means for establishing telephone communication with currently active callers at certain of said terminals through said telephone communication facility;

means for providing identification signals to said communication means indicative of said currently active callers;

memory means for storing caller cues and use indications for said caller cues in relation to said callers as identified by said identification signals;

cue means for receiving said caller cues to provide voice signals through said communication means to prompt responses from said currently active of said callers in the form of digital data signals; and

means for selecting a current caller cue from said memory means for one of said currently active callers for application to said cue means under control of said identification signals for said one of said currently active callers and said use indications in said memory means for said one of said currently active callers, said means for selecting [includes] including means to reject a caller cue indicated to have been used for a currently active caller.

23~~28~~. A telephone call processing system for receiving calls from a multitude of terminals for processing in a lottery interface format wherein callers are cued by synthesized voice signals supplied to said terminals and respond with digital signals, as by actuating push buttons at said terminals, said system comprising [system according to claim 27 wherein]:

means for selectively receiving calls from said multitude of terminals to establish telephone communication with a select subset of callers, said means for selectively receiving calls [comprises] comprising means for receiving calls in a plurality of call modes including an "800" calling mode;

means for providing identification signals for said callers of said select subset;

means for individually cuing said callers of said select subset to prompt digital signals for processing to isolate a sub-subset of said callers; and

means for storing identification signals for said callers of said sub-subset.

REMARKS

This is a response to the Final Office Action mailed September 17, 1991. Claims 1-5, 7-11 and 13-28 are pending in the case. Claims 1-5, 7-11, 13-16 and 24-26 have been allowed. Claims 17, 20 and 27 presently stand rejected by the Examiner and Claims 18-19, 21-23 and 28 are objected to. By the foregoing amendments Applicant has canceled Claims 17, 20 and 27 without prejudice in this application and will prosecute the same in a continuation application filed contemporaneously herewith. Claims 18-19, 21-23 and 28 have been amended to overcome the Examiner's objections in an earnest attempt to place the application is condition for

allowance. Reconsideration of the application in view of the foregoing amendments is earnestly solicited.

DISCUSSION OF AMENDMENTS TO ALLOWED CLAIMS 3, 7 AND 13-16

The amendments to allowed Claims 3, 7 and 13-16 further define the invention and provide consistency within the claims.

DISCUSSION OF ALLOWABLE CLAIMS 18-19, 21-23 AND 28

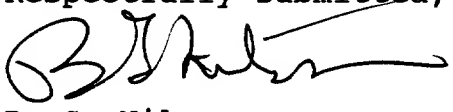
The Examiner objected to Claims 18-19, 21-23 as being dependent upon a rejected base Claim and indicated that these Claims would be allowable if rewritten in independent form to include all the limitations of the base claims and any intervening Claims. Claims 18, 21 and 23 have been amended to include the limitations of rejected Claim 17 and Claim 28 has been amended to include the limitations of rejected Claim 27. In light of the amendments to Claims 18 and 21, Claims 19 and 22 which depend therefrom include the limitations of rejected Claim 17. Accordingly, Claims 18-19, 21-23 and 28 are now in condition for allowance.

SUMMARY

Based upon the foregoing amendments, Applicant respectfully submits that the present Application is in condition for allowance. Applicant therefore respectfully

requests reconsideration of this Application and that the Application be passed to issue.

Respectfully submitted,



B. G. Nilsson
Registration No. 17,350

Docket No. 4646-114C
(213) 977-1001

FORM PTO-1083

Case Docket No. 4646-114C

THE COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, DC 20231

In re application of Ronald A. Katz
Serial No. 07/425,779
Filed October 23, 1989
For Telephone Interface Call Processing System with Call Selectivity

Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☐ Small entity status of this application under 37 C.F.R. 1.9 and 1.27 has been established by a verified statement previously submitted.
- ☐ A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.
- ☒ No additional fee is required.

RECEIVED
OCT 24 1991
GROUP 260

The fee has been calculated as shown below:

	Col. 1		Col. 2		SMALL ENTITY			OTHER THAN A SMALL ENTITY	
	CLAIMS REMAINING AFTER AMENDMENT	MINUS	HIGHEST PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADD'L FEE	OR	RATE	ADD'L FEE
TOTAL	* 23	-	** 26		x 10	$	OR	x 20	$
INDEP	*	-	***		x 30	$	OR	x 60	$
	FIRST PRESENT OF MULT. DEP. CLAIM				+100	$	OR	+200	$
	TOTAL ADDITIONAL FEE					$			$
					TOTAL	$		TOTAL	$

* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less tha 20, write "20" in this space.

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less tha 3, write "3" in this space.

NOTE: The "Highest Number Previously Paid For" (Total Independent) i the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

- ☐ Please charge my Deposit Account No. 14-1100 in the amount of $_____. A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of $_____ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 14-1100. A duplicate copy of this sheet is enclosed.
  - ☒ Any additional filing fees required under 37 CFR 1.16
  - ☒ Any patent application processing fees under 37 CFR 1.17.

NILSSON, ROBBINS, DALGARN
BERLINER, CARSON & WURST
201 North Figueroa St., 5th Floor
Los Angeles, CA 90012
(213) 977-1001

B. G. Nilsson
Registration No. 17,350

CERTIFICATE OF MAILING
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks Washington, DC 20231 on October 17, 1991